

Product Name: ELANTRA XTREME HERBICIDE
APVMA Approval No: 65044/138439



| | |
|-------------------------|--|
| Label Name: | ELANTRA XTREME HERBICIDE |
| Signal Headings: | POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING |
| Constituent Statements: | ACTIVE CONSTITUENT: 200 g/L QUIZALOFOP-P-ETHYL SOLVENT: 759 g/L LIQUID HYDROCARBON |
| Mode of Action: | GROUP 1 HERBICIDE |
| Statement of Claims: | For the control of certain grass weeds in broadleaf crops as per Directions for Use table. |
| Net Contents: | 5 L - 1000 L |
| Restraints: | This section contains file attachment. |
| Directions for Use: | This section contains file attachment. |
| Other Limitations: | |
| Withholding Periods: | HARVEST BEETROOT, CAULIFLOWER, CUCUMBERS: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION. CABBAGE, FIELD PEAS, HONEY DEW MELON, PUMPKINS, SUNFLOWERS: DO NOT HARVEST FOR 9 WEEKS AFTER APPLICATION |

CARROTS, POTATOES: DO NOT HARVEST FOR 10 WEEKS AFTER APPLICATION
 CHICKPEAS, FABA BEANS, LENTILS, MUNG BEANS, NAVY BEANS, SOYBEANS,
 VETCH: DO NOT HARVEST FOR 12 WEEKS AFTER APPLICATION
 CANOLA, PEANUTS: DO NOT HARVEST FOR 11 WEEKS AFTER APPLICATION
 GREEN BEANS: DO NOT HARVEST FOR 5 WEEKS AFTER APPLICATION
 GRAPES: NOT REQUIRED WHEN USED AS DIRECTED.
 LUPINS: DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION
 ONIONS: DO NOT HARVEST FOR 18 WEEKS AFTER APPLICATION
 PINEAPPLES: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION
 RADISH: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION
 TOMATOES: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION
 GRAZING
 CANOLA, CHICKPEAS, FABA BEANS, FIELD PEAS, GREEN BEANS, LENTILS,
 LUCERNE, LUPINS, MUNG BEANS, NAVY BEANS, SOYBEANS, VETCH: DO NOT
 GRAZE OR CUT FOR STOCK FEED FOR 4 WEEKS AFTER APPLICATION
 CLOVER, MEDIC PASTURES (EXCEPT LUCERNE): DO NOT GRAZE OR CUT FOR
 STOCK FEED FOR 14 DAYS AFTER APPLICATION
 PEANUT, SUNFLOWER: DO NOT GRAZE OR CUT FOR STOCK FEED FOR 11 WEEKS
 AFTER APPLICATION

Trade Advice:

General Instructions:

Elantra Xtreme Herbicide is an emulsifiable concentrate herbicide used post emergence for the control of certain grass weeds in specified broadleaf crops. Elantra Xtreme Herbicide is a systemic herbicide, which is rapidly absorbed and readily translocates from the treated foliage to the root system and growing points of the plant. Applications made to grass weeds stressed due to insufficient moisture or cold temperatures may result in unsatisfactory control.

Time of Application

For maximum benefit, weeds should be sprayed when young and actively growing. Application may be made at any stage of crop growth (except to curcubit crops), but sufficient time must be allowed for the prescribed withholding period to expire before harvest and/or grazing or cutting for stockfeed.

IMPORTANT: DO NOT apply Elantra Xtreme Herbicide to curcubit crops before the five true leaf stage.

Spray Preparation

If spray equipment has been previously used for the application of sulfonylurea herbicides eg Sipcam Esteem WDG Herbicide (metsulfuron methyl), chlorsulfuron, thifensulfuron methyl, triasulfuron, ensure that the recommended sprayer equipment procedure for the product previously applied has been followed, before using the equipment for the application of Elantra Xtreme Herbicide. Elantra Xtreme Herbicide is an emulsifiable concentrate to be mixed with water and applied as a spray. Add the required amount of Elantra Xtreme Herbicide directly to the spray tank and mix well. If mixing with mancozeb or carbendazim, add these to the spray tank and mix thoroughly PRIOR to adding Elantra Xtreme Herbicide. If spray solution has been left standing for more than 3 hours ensure thorough re-agitation before commencement of spraying. **DO NOT** allow spray mixture to stand overnight, as re-suspension may be difficult.

Use of a Surfactant/Wetting Agent

Elantra Xtreme may be used with either of the following adjuvant system:

- 1) A methylated and/or ethylated seed crop oil (eg Hasten#) at 1L/100L of final spray volume (i.e. 1% v/v).
- 2) A non-ionic surfactant (1000 gai/L strength) at 100 mL/100L (i.e. 0.1% v/v) and a mineral spray oil at 1 L/100 L of final spray volume (i.e. 1% v/v).
- 3) A non-ionic surfactant (1000 gai/L strength) at 200 mL/100L of final spray volume (i.e. 0.2% v/v).

DO NOT use the non-ionic surfactant + mineral oil adjuvant system on vegetable crops, use a non-ionic surfactant only.

DO NOT use non-methylated spray oils of crop origin (eg Codacide oil, Synetrol oil) as spray adjuvants.

Compatibilities

Elantra Xtreme is compatible with Sertin* 186 EC. The recommended surfactant/wetting agent for these tank mixes is the non-ionic surfactant and mineral spray oil adjuvant system. Elantra Xtreme is compatible with the insecticides deltamethrin, Le-mat*, Rover, methomyl, the fungicides carbendazim and mancozeb and the herbicide clopyralid when using the non-ionic surfactant and mineral oil adjuvant system. Elantra Xtreme is compatible with the herbicide Aspect (diflufenican), when used with the non-ionic surfactant only adjuvant system. DO NOT add crop oil to tank mixtures of Elantra / Aspect. Applications of Elantra / Aspect tank mix may result in temporary crop effects, which usually appear as yellow or white bleaching on the leaves. New growth and subsequent yield however will not be affected.

Ground Spraying

Use between 50 and 100 litres of prepared spray/ha, the higher spray volume gives more reliable results. If weeds are large and the crop canopy is dense, increase the volume to 150 litres prepared spray/ha. Use sprayers with flat fan or hollow cone nozzles at 210-350 kPa to give an even distribution of droplets with no less than 50% of the spray volume within the FINE - MEDIUM TO COARSE droplet size categories. 110° flat fan nozzles are preferred. For proper spray coverage adjust the boom and nozzle height according to the specification listed by the nozzle manufacturers. Ensure the spray is evenly distributed and a double overlap spray pattern is obtained. Avoid overlapping boomspray widths and shut off spray booms while starting, slowing or stopping.

Sprayer cleanup

Thoroughly clean all traces of Elantra Xtreme Herbicide from application equipment immediately after use. Flush tank, pump, hoses and boom with several changes of water after removing nozzle tips and screens (clean those parts separately). Failure to thoroughly clean the equipment may result in injury to subsequently sprayed cereal and grass crops. If spray equipment has been previously used for the application of sulfonylurea herbicides eg metsulfuron methyl, thifensulfuron methyl, chlorsulfuron, triasulfuron ensure that the recommended sprayer cleanup procedure of the product previously sprayed has been followed before using the equipment for the application of Elantra Xtreme Herbicide.

Resistance Warning:

RESISTANT WEEDS WARNING

GROUP 1 HERBICIDE

Elantra Xtreme Herbicide is a member of the "Fop" (aryloxyphenoxy propionate) group of herbicides. Elantra Xtreme Herbicide has the inhibitors of acetyl coA carboxylase mode of action. For weed resistance management Elantra Xtreme Herbicide is a Group 1 herbicide. Some naturally occurring weed biotypes resistant to Elantra Xtreme Herbicide and other Group 1 herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by Elantra Xtreme Herbicide or other Group 1 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Sipcarn Pacific Australia Pty Ltd accepts no liability for any losses that may result from failure of Elantra Xtreme Herbicide to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Consult your farm chemical supplier, consultant, Sipcarn Representative, local Department of Agriculture or Primary Industries.

Precautions:

PRECAUTION: RE-ENTRY

After treating crops do not enter treated areas until spray has dried unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

Protections:

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

DO NOT plant cereal crops into the treated area for a period of 18 weeks after application of Elantra Xtreme Herbicide. DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping land or pastures.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.

Storage and Disposal:

Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. Triple rinse containers before disposal. Add rinsings to the spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

Refillable containers
Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

Safety Directions:

Harmful if inhaled or swallowed. May irritate the eyes, nose and throat. Will irritate the skin. Avoid contact with eyes and skin. Do not inhale spray mist. When opening the container, mixing and loading and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat and elbow-length chemical resistant gloves. If applying by spraying equipment carried on the back of the user wear cotton overalls, over normal clothing, buttoned to the neck and wrist and elbow-length chemical resistant gloves. If product on skin immediately wash area with soap and water. Wash hands after use. After each day's use wash gloves and contaminated clothing.

First Aid Instructions:

If poisoning occurs, contact a doctor or Poisons Information Centre . Phone Australia 13 11 26. If swallowed do NOT induce vomiting. If in eyes wash out immediately with water.

First Aid Warnings:

RESTRAINTS

DO NOT apply to crops that are stressed by any cause (such as severe cold weather, disease, drought or waterlogging).

DO NOT apply to weeds that are stressed by any cause (such as weather conditions, drought, waterlogging) or not actively growing. Grass weeds under stress frequently become less susceptible to herbicide activity. This may result in an incomplete kill or suppression of weeds only.

DO NOT apply under conditions of high temperature and low humidity.

DO NOT apply if rainfall is expected within 3 hours.

DO NOT apply less than 50 L prepared spray/ha – see section "Ground Spraying".

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

BOOM SPRAYING: WINTER GROWING WEEDS: ALL STATES.

| Crop | Weeds Controlled | Weeds Stage | Rate/ha | Withholding Period | | Critical Comments |
|------------------------------|---|---------------------------|------------------|--------------------|---------|---|
| | | | | Harvest | Grazing | |
| Beetroot | Annual Ryegrass (<i>Lolium rigidum</i>) Brome Grasses (<i>Bromus spp.</i>) | 3 leaf to early tillering | 150 mL or 190 mL | 14 days | - | Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering* |
| Cabbage | | | | 9 weeks | - | |
| Canola | | | | 11 weeks | 4 weeks | |
| Carrots | | | | 10 weeks | - | |
| Cauliflower | | | | 14 days | - | |
| Chickpeas | | | | 12 weeks | 4 weeks | |
| Clover & Sub-clover pastures | | | | - | 14 days | |
| Cucumbers• | Barley grass (<i>Hordeum spp</i>) Volunteer | 3 leaf to early tillering | 125 mL | 14 days | - | Apply when weeds are actively growing* |
| Faba Beans | | | | 12 weeks | 4 weeks | |
| Field Peas | | | | 9 weeks | 4 weeks | |
| Honey Dew Melons• | | | | 9 weeks | - | |
| Lentils | | | | 12 weeks | 4 weeks | |
| Lucerne | Wild Oats (<i>Avena spp</i>) | 3 leaf to mid tillering | 65 mL or 125 mL | - | 4 weeks | Apply when weeds are actively growing. Use the lower rate only under light weed pressure and/or when weeds are at the 1-3 leaf stage. Use higher rate under heavy weed pressure and/or when weeds are tillering. The higher rate will give better or more reliable control* |
| Lupins | | | | 6 weeks | 4 weeks | |
| Medic pasture | | | | - | 14 days | |
| Mung beans | | | | 12 weeks | 4 weeks | |
| Navy Beans | | | | 12 weeks | 4 weeks | |
| Onions | | | | 18 weeks | - | |
| Potatoes | | | | 10 weeks | - | |
| Pumpkins• | | | | 9 weeks | - | |
| Radish | | | | 21 days | - | |
| Tomatoes | | | | 4 weeks | - | |
| Vetch | | | | 12 weeks | 4 weeks | |

* Always add a surfactant/wetting agent at the recommended rate. See section “use of surfactant/wetting agent” for details.

• Important: DO NOT apply Elantra Xtreme Herbicide before the five true leaf stage of Cucumbers, Honey Dew Melons and Pumpkins.

BOOM SPRAYING: SUMMER GROWING WEEDS: ALL STATES

| Crop | Weeds Controlled | Weeds Stage | Rate/ha | Withholding Period | | Critical Comments |
|-------------|---|---------------------------|---|--------------------|---------|---|
| | | | | Harvest | Grazing | |
| Beetroot | Awnless Barnyard Grass (<i>Echinochloa colona</i>) Barnyard Grass (<i>Echinochloa crusgalli</i>) Couch grass (<i>Cynodon dactylon</i>) Dinebra (<i>Dinebra retroflexa</i>) Crowsfoot grass (<i>Eleusine indica</i>) Foxtail Millet (<i>Setaria italica</i>) Columbus grass (<i>Sorghum x almum</i>) Johnson grass (<i>Sorghum halepense</i>) Liverseed grass (<i>Urochloa panicoides</i>) Rhodes grass (<i>Chloris gayana</i>) Stink grass (<i>Eragrostis cilianensis</i>) Queensland Blue grass (<i>Dichanthium sericeum</i>) Summer grass (<i>Digitaria ciliaris</i>) | 3 leaf to early tillering | 250 mL or 375 mL | 14 days | - | Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering* |
| Cabbage | | | | 9 weeks | - | |
| Cauliflower | | | | 14 days | - | |
| Carrots | | | | 10 weeks | - | |
| Cucumbers• | | | | 14 days | - | |
| Green Beans | | | | 5 weeks | 4 weeks | |
| Honey Dew | | | | 9 weeks | - | |
| Melons• | | | | - | 4 weeks | |
| Lucerne | | | | 12 weeks | 4 weeks | |
| Mung beans | | | | 12 weeks | 4 weeks | |
| Navy Beans | 18 weeks | - | Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering* | | | |
| Onions | 11 weeks | 11 weeks | | | | |
| Peanuts | 10 weeks | - | Apply when weeds are actively growing.* | | | |
| Potatoes | 7 days | - | | | | |
| Pineapples | 9 weeks | - | Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering* | | | |
| Pumpkins• | 21 days | - | | | | |
| Radish | 12 weeks | 4 weeks | Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering* | | | |
| Soybeans | 9 weeks | 11 weeks | | | | |
| Sunflower | 4 weeks | - | Apply when weeds are actively growing.* | | | |
| Tomatoes | 3 leaf to early tillering | 125 mL or 250 mL | | | | |
| | 3 leaf to early tillering | 250 mL | | | | Apply when weeds are actively growing.* |
| | 3 leaf to early tillering | 250 mL or 500 mL | | | | Apply when weeds are actively growing. Use higher rate under heavy weed pressure, and/or when weeds have commenced tillering* |

* Always add a surfactant/wetting agent at the recommended rate. See section “use of surfactant/wetting agent” for details.

• Important: DO NOT apply Elantra Xtreme Herbicide before the five true leaf stage of Cucumbers, Honey Dew Melons and Pumpkins.

HAND GUN SPRAYING: ALL STATES

| Crop | Weeds Controlled | Weeds Stage | Rate/100 L | Withholding Period | | Critical Comments |
|------------------------------|-------------------------------|------------------------------------|------------------------------|--------------------|--|---|
| | | | | Harvest | Grazing | |
| Beetroot | Awnless | 3 leaf to early tillering | 65 mL | 14 days | - | Apply when weeds are actively growing. Use a minimum of 800L of prepared spray/ha. Thoroughly wet target weeds (especially well established clumps) without causing runoff. Repeat spraying may be necessary for perennial grass species. |
| Cabbage | Barnyard Grass | | | 9 weeks | - | |
| Cauliflower | (<i>Echinochloa</i> | 14 days | - | | | |
| Canola | <i>colona</i>) | 11 weeks | 4 weeks | | | |
| Carrots | Crowsfoot grass | 10 weeks | - | | | |
| Chickpeas | (<i>Eleusine indica</i>) | 12 weeks | 4 weeks | | | |
| Clover & Sub-clover pastures | Paspalum | Seedling to Established Clumps | - | 14 days | | |
| Cucumbers• | (<i>Paspalum dilatatum</i>) | | 14 days | - | | |
| Faba Beans | Johnson grass | Seedling 2 leaf to early tillering | 12 weeks | 4 weeks | Always add a surfactant/wetting agent at therecommended rate – see section on “Use of Surfactant/Wetting agent” for details. | |
| Field Peas | | | (<i>Sorghum halepense</i>) | 9 weeks | | |
| Grapes | | - | - | | | |
| Green beans | | Rhizome 2 leaf to early tillering | 5 weeks | 4 weeks | | |
| Honey Dew | | | 125 mL | 9 weeks | | - |
| Melons• | Kikuyu | Seedling to Established plants | 12 weeks | 4 weeks | | |
| Lentils | | | - | 4 weeks | | |
| Lucerne | | | 6 weeks | 4 weeks | | |
| Lupins | | | - | 14 days | | |
| Medic pasture | | | 12 weeks | 4 weeks | | |
| Mung beans | | | 12 weeks | 4 weeks | | |
| Navy Beans | | | 12 weeks | 4 weeks | | |
| Non crop | | | - | - | | |
| Onions | | | 18 weeks | - | | |
| Peanuts | | | 11 weeks | 11 weeks | | |
| Pineapples | 7 days | - | | | | |
| Potatoes | 10 weeks | - | | | | |
| Pumpkins• | 9 weeks | - | | | | |
| Radish | 21 days | - | | | | |
| Soybeans | 12 weeks | 4 weeks | | | | |
| Sunflowers | 9 weeks | 11 weeks | | | | |
| Tomatoes | 4 weeks | - | | | | |
| Vetch | 12 weeks | 4 weeks | | | | |

- Important: DO NOT apply Elantra Xtreme Herbicide before the five true leaf stage of Cucumbers, Honey Dew Melons and Pumpkins.

NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.